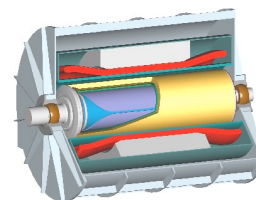


Agenda for Week of: April 4, 2011

Character Theme: _____

Chapter 18 Sections 2 & 3 Focus Questions:

- 1) How can you create a magnet using electricity?
- 2) How can you create electric current using a magnet?
- 3) If light isn't made of matter...what *is* it??



Date	Objectives	Vocabulary	Homework
Monday 4/4	Contrast AC and DC current and how that effects magnetic fields. (Finish Webquest from Friday – revised version)	Magnetic Field Electromagnet	Vocabulary list: Ch 18 highlighted words from the text
Tues 4/5	Explain how electricity can be generated from a magnet	Electromagnetic induction Generator Alternating current Transformer	Research “electromagnetic waves” in Ch 18.3 and the internet to answer p. 639 #3 in 1-paragraph (5+ sentences) <i>plus</i> an illustration (drawing).
Wed 4/6	Describe electricity and magnetism as two aspects of the same electromagnetic force	Electromagnetic wave Electromagnetic Force Electric field	Finish your “Foldable” Two tabs (hamburger style): (1) Magnetism from electric currents & (2) Electric currents from magnets Inside each tab: (1) What tool is used to do this? (Illustrate & name it). (2) Explain what type of energy is changed into what other type of energy.
Thurs, 4/7	MAGNETISM QUIZ		--
Fri, 4/8	Empower3000		--

REMINDERS

- 1) **Calculator:** Remember to bring your calculator to class every day!
- 2) **Binder:** Bring it to class **every day**. You will have a weekly Binder Check Pop-quiz.
- 3) **Homework** counts for 10% of your grade and HELPS your grade!
- 4) **Have questions?** Stay for **tutoring** on Mondays and Thursdays HERE from 2:45 – 3:30. You will earn **extra credit** for showing this extra effort!

Empower articles for the 3rd MP (ALL due by Sunday, 4/10 @ noon!)

- 1) _____
- 2) _____
- 3) _____
- 4) _____
- 5) _____